

CLAIMS

What is claimed is:

1. A method of forming a craft coating on a substrate comprising:
applying a coating composition comprising an acetoacetoxy functional monomer to a substrate to form a craft coating on the substrate, wherein the substrate is selected from glass and ceramic, and wherein the coating composition comprises a diluent selected from water and glycol.
2. The method of claim 1, further comprising at least partially curing the craft coating in ambient air.
3. The method of claim 2, further comprising heating the craft coating to further cure the craft coating.
4. The method of claim 3, wherein heating occurs in a temperature range of about 300°F to about 400°F.
5. The method of claim 3, wherein heating occurs in a range of about 20 minutes to about 40 minutes.
6. The method of claim 3, wherein curing the craft coating in ambient air occurs in a range of about 1 hour to about 2 hours.
7. The method of claim 2, wherein curing the craft coating in ambient air occurs in a range of about 17 to about 25 days.
8. The method of claim 1, further comprising heating the craft coating to cure the craft coating.
9. The method of claim 8, wherein heating occurs in a temperature range of about 300°F to about 400°F.

10. The method of claim 9, wherein heating occurs in a range of about 20 minutes to about 40 minutes.
11. The method of claim 1, wherein the substrate forms a portion of an article of kitchenware.
12. The method of claim 11, wherein the article of kitchenware is selected from bowls, plates, cups, saucers, glasses, trays, platters, pitchers, pans, dishes, shakers, tureens, creamers, pots, boats, ramekins, mugs, decanters, flutes, goblets, and snifters.
13. The method of claim 1, wherein the substrate forms a portion of an article of decorative houseware.
14. The method of claim 15, wherein the article of decorative houseware is selected from vases, picture frames, figurines, mirrors, jewelry boxes, tiles, soap dishes, soap dispensers, tooth brush holders, lamps, ceramic switch plate covers, and urns.
15. The method of claim 1, wherein the substrate forms a portion of a ceramic tile.
16. The method of claim 1, wherein the acetoacetoxy functional monomer is selected from acetoacetoxy ethyl methacrylate, acetoacetoxy ethyl acrylate, acetoacetoxy propyl acrylate, acetoacetoxy butyl acrylate and combinations thereof.

17. A method of forming a craft coating on a substrate comprising:
applying a coating composition comprising an acetoacetoxy functional monomer to an unprimed substrate to form a craft coating on the unprimed substrate, wherein the unprimed substrate is selected from glass and ceramic, and wherein the coating composition comprises a diluent selected from water and glycol; and,
curing the craft coating.
18. The method of claim 17, wherein curing the craft coating is in ambient air.
19. The method of claim 18, wherein curing the craft coating in ambient air occurs in a range of about 1 hour to about 2 hours.
20. The method of claim 18, wherein curing the craft coating in ambient air occurs in a range of about 17 days to about 25 days.
21. The method of claim 17, wherein curing the craft coating further comprises heating the craft coating.
22. The method of claim 21, wherein heating occurs in a temperature range of about 300°F to about 400°F.
23. The method of claim 21, wherein heating occurs in a range of about 20 minutes to about 40 minutes.
24. The method of claim 17, wherein the unprimed substrate forms a portion of an article of kitchenware.
25. The method of claim 24, wherein the article of kitchenware is selected from bowls, plates, cups, saucers, glasses, trays, platters, pitchers, pans, dishes, shakers, tureens, creamers, pots, boats, ramekins, mugs, decanters, flutes, goblets, and snifters.

26. The method of claim 17, wherein the unprimed substrate forms a portion of an article of decorative houseware.
27. The method of claim 26, wherein the article of decorative houseware is selected from vases, picture frames, figurines, mirrors, jewelry boxes, tiles, soap dishes, soap dispensers, tooth brush holders, lamps, ceramic switch plate covers, and urns.
28. The method of claim 17, wherein the unprimed substrate forms a portion of a ceramic tile.
29. The method of claim 17, wherein the acetoacetoxy functional monomer is selected from acetoacetoxy ethyl methacrylate, acetoacetoxy ethyl acrylate, acetoacetoxy propyl acrylate, acetoacetoxy butyl acrylate and combinations thereof.
30. A method of forming a craft coating on a substrate comprising:
 - providing an unprimed substrate selected from glass and ceramic, wherein the unprimed substrate forms a portion of an article selected from kitchenwares, decorative housewares, ceramic tiles, and windows;
 - applying a water-based coating composition comprising an acetoacetoxy functional monomer to the unprimed substrate to form a craft coating on the unprimed substrate, wherein the acetoacetoxy functional monomer is selected from acetoacetoxy ethyl methacrylate, acetoacetoxy ethyl acrylate, acetoacetoxy propyl acrylate, acetoacetoxy butyl acrylate and combinations thereof; and,
 - curing the craft coating.
31. The method of claim 30, wherein curing the craft coating is in ambient air.
32. The method of claim 31, wherein curing the craft coating in ambient air occurs in a range of about 1 hour to about 2 hours.

33. The method of claim 31, wherein curing the craft coating in ambient air occurs in a range of about 17 to about 25 days.
34. The method of claim 30, wherein curing the craft coating further comprises heating the craft coating.
35. The method of claim 34, wherein heating occurs in a temperature range of about 300°F to about 400°F.
36. The method of claim 34, wherein heating occurs in a range of about 20 minutes to about 40 minutes.
37. The method of claim 30, wherein the article is an article of kitchenware selected from bowls, plates, cups, saucers, glasses, trays, platters, pitchers, pans, dishes, shakers, tureens, creamers, pots, boats, ramekins, mugs, decanters, flutes, goblets, and snifters.
38. The method of claim 30, wherein the article is an article of decorative houseware selected from vases, picture frames, figurines, mirrors, jewelry boxes, tiles, soap dishes, soap dispensers, tooth brush holders, lamps, ceramic switch plate covers, and urns.